

PRODUCTION OF PEPTIDES IN PLANTS AS VIRAL COAT PROTEIN FUSIONS

ABSTRACT

The present invention relates to foreign peptide sequences fused to recombinant plant viral  
5 structural proteins and a method of their production. Fusion proteins are economically synthesized  
in plants at high levels by biologically contained tobamoviruses. The fusion proteins of the  
invention have many uses. Such uses include use as antigens for inducing the production of  
antibodies having desired binding properties, e.g., protective antibodies, or for use as vaccine  
10 antigens for the induction of protective immunity, including immunity against parasitic infections.

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